



OpenEdge Roadmap

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All roadmaps are for informational purposes only, and the reader is hereby cautioned that actual product development may vary significantly from roadmaps.

These roadmaps may not be interpreted as any commitment on behalf of Progress, and future development, timing and release of any features or functionality described in the roadmaps remains at our sole discretion.

Agenda

01

OpenEdge Releases

02

Future Needs

03

Strategy

04

Roadmap

OpenEdge Release Life Cycle



LTS releases

are supported for:

5 Active + 3 Sunset years (11.7, 12.2)

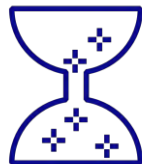
4 Active + 2 Sunset years (12.8)

LTS Retirement:

11.7 - April 1, 2025

12.2 - October 1, 2028

12.8 - January 1, 2030



Innovation releases

are shorter-lived and
Retire with the next release

**The focus is on agility
and the ability to innovate**

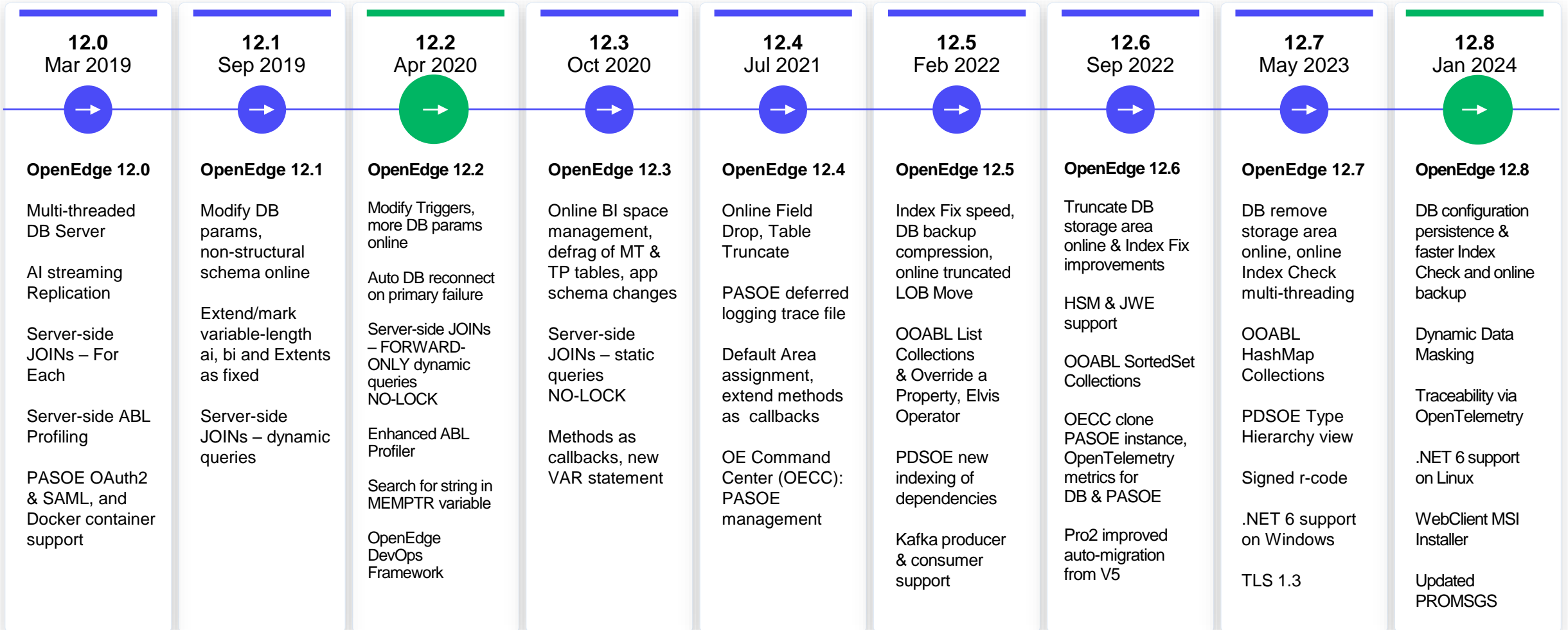
Pending: OpenEdge 13.0

The OpenEdge 12.8 LTS Release

OpenEdge 12.8 LTS	GA - January 2024
OpenEdge 12.7	GA - May 2023
OpenEdge 12.6	GA - September 2022
OpenEdge 12.5	GA - February 2022
OpenEdge 12.4	GA - July 2021
OpenEdge 12.3	GA - October 2020
OpenEdge 12.2 LTS	GA - April 2020



OpenEdge 12 Feature Summary



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The Next LTS (13.x) – Target 2027

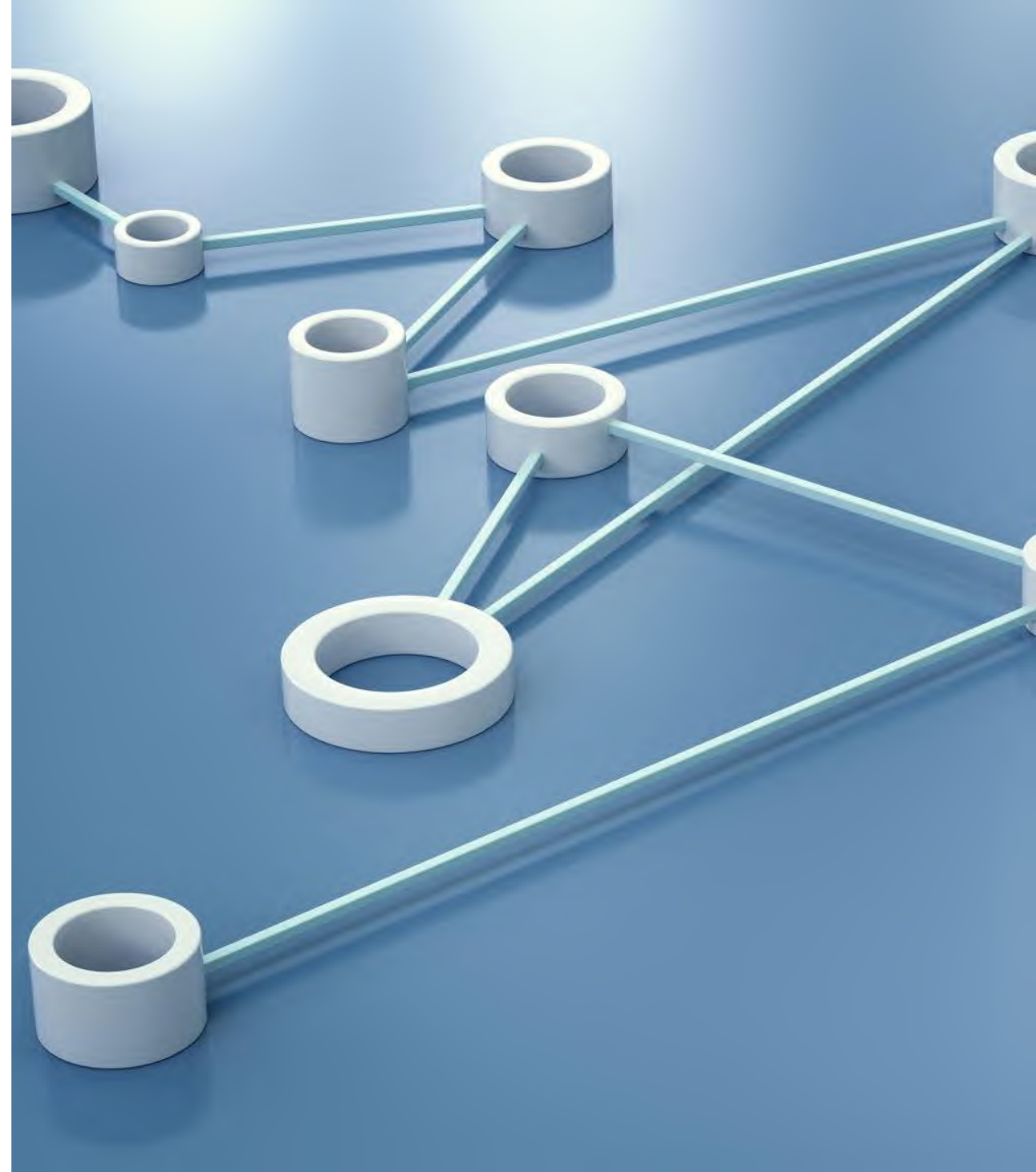
Source of Requirements

- Customer-submitted Ideas (<https://openedge.ideas.aha.io/>)
- Customer surveys and discussions
- Feedback via Technical Support and Professional Services
- Community entries including the Customer Validation Program (CVP)
- Events such as PUG Challenge and the OpenEdge World Tour
- Market research and consultation with industry analysts

Looking Forward: What Is Important?

Some topic areas researched in 2023:

- Development tool trends
- Generative AI
- Priorities for the ABL language and OpenEdge Database
- Cloud adoption and needs
- Managing the production environment
- Evolving security needs





Market Research - Cloud

75%

of respondents reported an increase in IT budget for public cloud.

Source: Forrester, [2022 Infrastructure Cloud Survey](#).

>50%

of enterprises will use industry cloud platforms to accelerate their business initiatives by 2027.

Source: Gartner® ebook, [Gartner's 2024 Top Strategic Technology Trends, 2022](#).

Voice of Customers

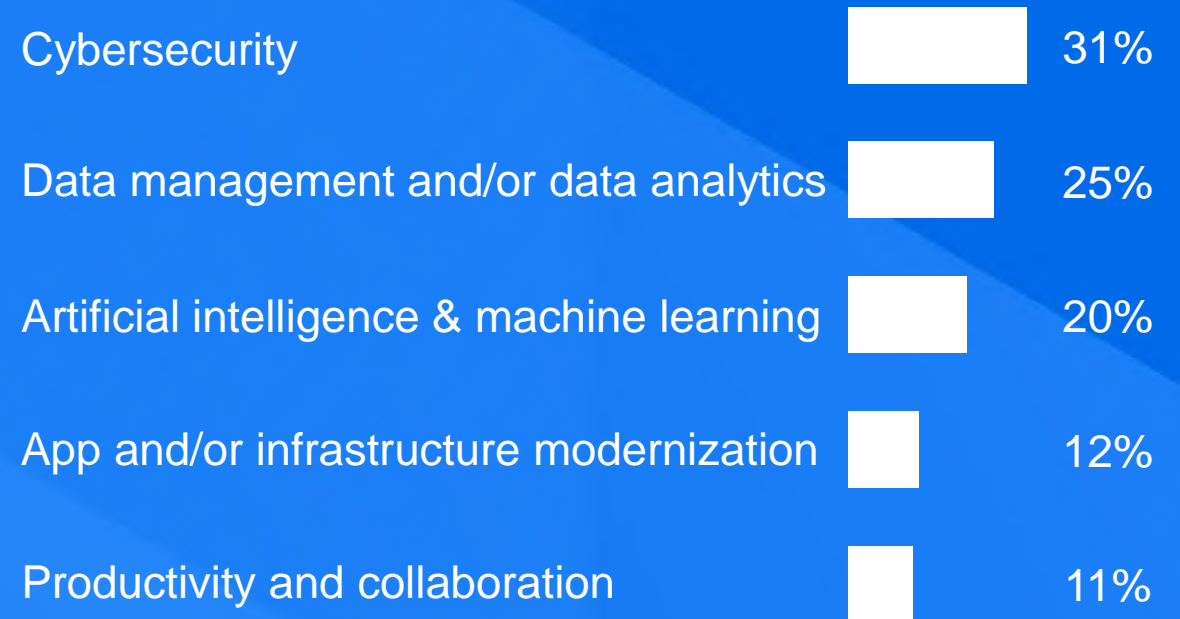
- “Need best-practice documentation / examples”
 - “How to deploy to managed K8 cluster”
 - “How to manually install OpenEdge 12.2 in a Windows container”
- “OE12 PASOE Windows based container”
- “AppServer & DB in single container”
- "Support for MS-SQL DataServer in Docker"
- “Terraform module that can be used with AWS or Azure”
- “PDS in container”
- “Docker image as a base image for building containers”





Market Research - Security

Which is the top investment priority for your organization in 2024?

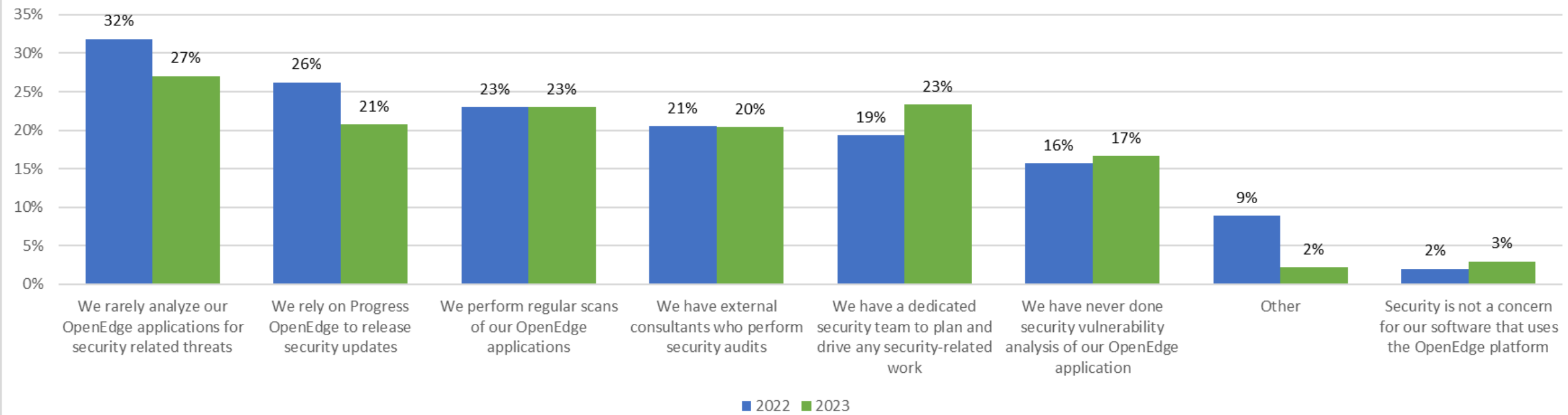


Source: [M-Trends 2022](#), Mandiant.

Sample size 4,332

Voice of Customers

How is security managed by your business that use the OpenEdge platform?



2022 n=248, 2023 n=270

Source: OpenEdge Customer Survey, 2022 & 2023.



Market Research - DevOps

“Might need to be modernized a bit to feel a bit fresher (Dev tools, templates, lightweight)”

“Support multiple IDEs; why not Microsoft Visual Studio?”

“LSP (Language Server Protocol) support is very important so people can be able to develop on an IDE of their choice”

“Keep working on the Gradle-based, DevOps framework”

“Need an intuitive OE resource management UI”

“Single management web console required for distributed OpenEdge resources and monitoring”

Source: OpenEdge Customer Survey, 2022.



Voice of Customers - General

“More online database capabilities”

“Online schema changes. It’s better and better, but still – not enough”

“Complete online schema / index maintenance”

“Taking down the database for changes makes fully automated updates difficult and they must be scheduled for off-hours”

“Statistics of index use, table use to find hot spots”

Etc.

Source: OpenEdge Customer Survey, 2022.

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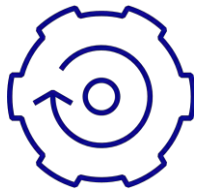
04

Roadmap

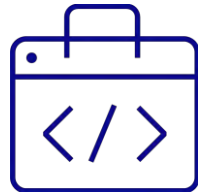


You are only
as **STRONG** as
your **FOUNDATION**

The OpenEdge Foundation



**Platform
Modernization**



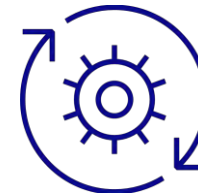
**Developer
Productivity**



Performance

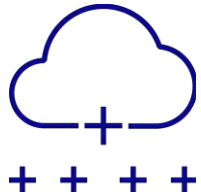


**Environment
Management**



**Continuous
Operation**

Focus Themes For The Future



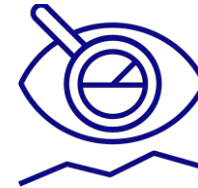
Streamlined Cloud Operations

- Simplify moving to and operating efficiently in the Cloud



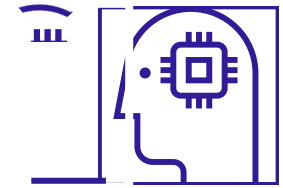
Uncompromising Security

- Strengthen security and support increased standards compliance



Integrate Into Your Preferred Environment

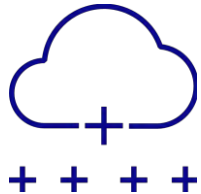
- OpenEdge interoperates with your multi-vendor environment



Enhance Productivity With Generative AI

- Harness the power of artificial intelligence

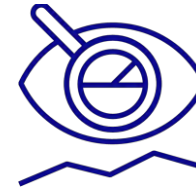
OpenEdge 13.x Roadmap Themes



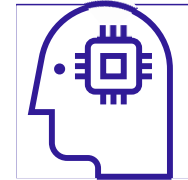
**Streamlined
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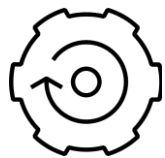
**Uncompromising
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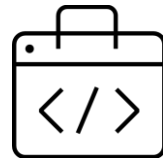
**Integrate Into Your
Preferred Environment**



**Enhance Productivity
With Generative AI**



Platform
Modernization



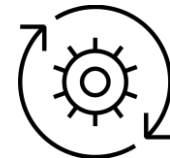
Developer
Productivity



Performance



Environment
Management



Continuous
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OpenEdge Roadmap: Now, Next, Later

Now

- Problems that are validated and that we are currently working to address

Next

- Problems that are pending further internal discovery
- Based on investigation results, we may or may not proceed to address

Later

- Long term priorities where the scope is still undefined and haven't yet undergone a full discovery phase
- May or may not proceed with further investigation

Roadmap Focus¹

Now

- Access Generative AI From PDSOE
- User-defined Generics
- Visualize Memory Profiling Data & Monitor More ABL Objects
- Scientific Notation Numbers
- Offline DB Threaded Backup & Index Check Options 2, 3, 4
- Enhanced OECC DB metrics

¹Not a complete feature list

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Next

- Support .NET 8
- ABL coding in VS Code
- FIPS 140-3 Compliance
- Simplify Certificate Mgmt. (OS cert store, cert expire auto-manage)
- Simplify Dynamic Data Masking Administration
- Support JDK 21
- Enable Use of Windows Containers

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Later

- Secrets Management Service Support
- DB Scalability: Separate BI & AI Buffer Latch Duties
- EntitySet (Object-Relational Mapping) Support
- Cloud-agnostic Deployment
- Advanced OECC Features
- Generative AI - Test Case & Doc Generation, Data Analysis, Charting, Reporting

¹Not a complete feature list

Related Technologies

Pro2

- Bulk Load Multi-threading
- Replqueue create, update, delete utility
- Troubleshooting Assist (CDC reporting of source DB, count for a table, table records by date)
- Ongoing UI/UX Improvements
- Centralize Email setting management
- Dynamic Schema Changes

OE Command Center

- Gather DB Metrics (auto-discover, connect/start/stop, view schema, users, roles, etc.)
- Complete PASOE Support
- Harden OECC Agent To Minimize Pen Test Issues
- Simplify Dynamic Data Masking Administration
- Configure & Customize OpenTelemetry Performance Metrics for PASOE & DB

Summary – Building For The Future

- This roadmap describes initiatives for the OpenEdge 13.x LTS Release
 - OpenEdge 13.0 target: Q1 2025
 - OpenEdge 13.x LTS target: H1 2027
- The key focus areas include Cloud, Security and Integration
- There are many other features related to extending the strong foundation



Don't See Your Favorite Feature?



Submit and vote on ideas!



<https://openedge.ideas.aha.io/>

Progress OpenEdge OpenEdge Ideas
Your portal to submit new Ideas (enhancement requests) for Progress OpenEdge. Anyone can submit and vote on ideas, and these will be reviewed and prioritized by the Product Management team in accordance with the published [Idea Submission Policy](#). If you submitted or subscribe to an idea, you will get automatic email notifications of comments and significant status changes.

3 VOTE
Provide a VST field for RDBMS license type
At present, checking whether the database RDBMS license is Personal, Workgroup, or Enterprise requires heuristics that look at various broker parameter values and make assumptions about which license is in use. There is no one field we can check L...

3 VOTE
Provide a VST field for the database DLC version
When monitoring a database, the monitoring code often has different paths for different DLC versions, based on certain database features, conditions, or system tables/tables only being available in certain releases. While it is possible for a self...

12 VOTE
Add Avro support to the Kafka connector
An AvroSerializer would be an important addition to the list of serializers for OpenEdge Messaging in 12.5. Since Avro is the most preferred method of serialization that Confluent Kafka uses, having an AvroSerializer would simplify the way we send...

33 VOTE
Simplify iterating over new Progress.Collections* (FOR EACH... !)
With the new Collections in 12.5 the following is the way to iterate over the collection: iterator = animate(GetIterator()) repeat, while iterator.MoveNext(); animate + iterator.Current, message animate(Legacy view-as: siter1-box.end This is both verbose...

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<https://www.progress.com/openedge/customer-validation-program>

